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NEWPORT BEAC	CH, CA 92660			Denise N.	Doss	(Depositor's name)	
				Rem	urlau	(Signature)	
				5-1	7-06	(Date)	
APPLICATION NO.	FILING DATE	FIRST NAMED		D INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/597,866	06/20/2000	Michael Ja		nnics Heller	255/040	5697	
TITLE OF INVENTION: A	APPARATUS FOR ACTIVE	PROGRAMMABL	E MATRIX	DEVICES			
APPLN. TYPE	SMALL ENTITY	ISSUE FE	E	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1400		\$0	\$1400	06/02/2006	
EXAMINER		ART UNIT		CLASS-SUBCLASS	] .		
FORMAN, BETTY J		1634 435		435-006000	_		
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PLEASE NOTE: Unless recordation as set forth in		elow, no assignee do of this form is NOT	ata will app a substitute	pear on the patent. If an assign for filing an assignment.			
(A) NAME OF ASSIGNEE		(	(B) RESIDENCE: (CITY and STATE OR COUNTRY)				
Nanogen, Inc.  Please check the appropriate assignce category or categories (will not be			San Diego. Calliornia 51 (1551 1450.09 ( 52 (1551) 20 (15 (15 (15 (15 (15 (15 (15 (15 (15 (15			1450.00 OP	
r lease check the appropriate	c assignee category of catego	ries (will not be prin	ned on the p	oatenty. — murvidual XXI C	orporation of other private gr	oup entity - Government	
4a. The following fee(s) are enclosed:		4b. <b>Y</b>	4b. Payment of Fec(s):  A check in the amount of the fee(s) is enclosed. (# 719365 for \$1430.00)				
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PI .	ublication Fee (if any) or to re-apply any previously paid issue fee to the application identified above, seepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other particles.
Authorized Signature SHW	Date 5/17/06
Typed or printed name David B. Murphy	Registration No.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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